

WHAT IS CLAIMED IS:

SUB 14
 1. A toner for MICR which comprises at least a binder resin, magnetite particles comprising a mixture of granular magnetite and acicular magnetite, and a wax, wherein a ratio
 5 by weight of said acicular magnetite in said magnetite particles is 0.1 - 0.5 to the granular magnetite of 1.0, and said magnetite particles are included in an amount of 15 - 50 % by weight in the toner.

Magnetic Ink Char. Recd
 10 2. A toner for MICR according to Claim 1, wherein said granular magnetite has residual magnetization of 5 - 15 emu/g and saturation magnetization of 70 - 95 emu/g, and said acicular magnetite has residual magnetization of 20 - 50 emu/g and saturation magnetization of 70 - 95 emu/g.

15 3. A toner for MICR according to Claim 1 wherein said wax is a hydrocarbon wax.

4. A toner for MICR according to Claim 1 wherein said wax has a melting point measured by DSC of 60 - 100°C.

5. A toner for MICR according to Claim 1 wherein said wax is Fischer-Tropsch wax.

20 6. A toner for MICR according to Claim 5 wherein said Fischer-Tropsch wax is natural gas type Fischer-Tropsch wax.

7. A toner for MICR according to Claim 1 wherein said toner contains a charge controlling agent.

25 8. A toner for MICR according to Claim 7 wherein said charge controlling agent consists of at least two charge controlling materials, at least one of which is a chrome azo dye.

9. A toner for MICR according to Claim 1, wherein

10002922 030802

a silicone oil and an inorganic fine powder adhere to the surface of toner particles.

10. A toner for MICR according to Claim 9, wherein the amount of said silicone oil is in a range of 0.01 -
5 0.5 % by weight.

11. A toner for MICR according to Claim 1, wherein said inorganic fine powder consists of inorganic fine particles (A) having the reverse polarity to the toner particles and inorganic fine particles (B) having the same
10 polarity as the toner.

12. A toner for MICR according to Claim 11, wherein said inorganic fine powder is the powder of hydrophobic silica.

13. A toner for MICR according to Claim 11, wherein
15 said inorganic fine particles (B) having the same polarity as the toner is hydrophobic silica having BET specific surface area in a range of 100- 300m²/g.

2090501 2262600T